(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



- 1 Maria di Kalia i Barila Karila Rasila di Karila Karila di Karila di Karila di Karila Karila di Karila Kari

(43) International Publication Date 20 January 2005 (20,01,2005)

PCT

(10) International Publication Number WO 2005/005086 A1

(51) International Patent Classification⁷: 61/14, 65/00

B23D 61/04,

(21) International Application Number:

PCT/GB2004/002949

(22) International Filing Date:

8 July 2004 (08.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0315904.3

8 July 2003 (08.07.2003) GB

0327752.2 29 November 2003 (29.11.2003) Gi

(71) Applicant (for all designated States except US): C4 CAR-BIDES PLC. [GB/GB]; 9 Nuffied Road, Cambridge CB4 1TF (GB).

(72) Inventors; and

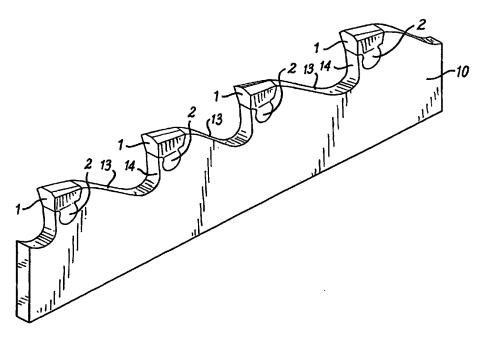
(75) Inventors/Applicants (for US only): NICOLSON, Peter, John [GB/GB]; C4 Carbides Plc., 9 Nuffield Road,

Cambridge CB4 1TF (GB). **DUGGAN, Paul, Edward** [GB/GB]; C4 Carbides Plc., 9 Nuffield Road, Cambridge CB4 1TF (GB).

- (74) Agent: SKINNER, Michael, Paul; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: SAW BLADE



(57) Abstract: A saw blade (10) has teeth (1) grouped with varying shapes or other characteristics, such as composition. Each tooth has a root and a head separated by a transition region forming a neck. The roots may be oversize in relation to apertures or slots preformed in the strip (10), so that the teeth displace and deform the material of the strip (10), as they are forced into the position shown. They may then be fixed in position by brazing.

WO 2005/005086 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report